

# BIMCV-COVID19

Tuesday, 09 / Jun / 2020

## 1 Variables descriptives

### 1.1 Demographic descriptives

The basic distribution of the 1354 records are:

#### 1.1.1 Gender

Gender	N	N acum.	%	% acum.
Female	626	626	46.27	46.27
Male	727	1353	53.73	100.00

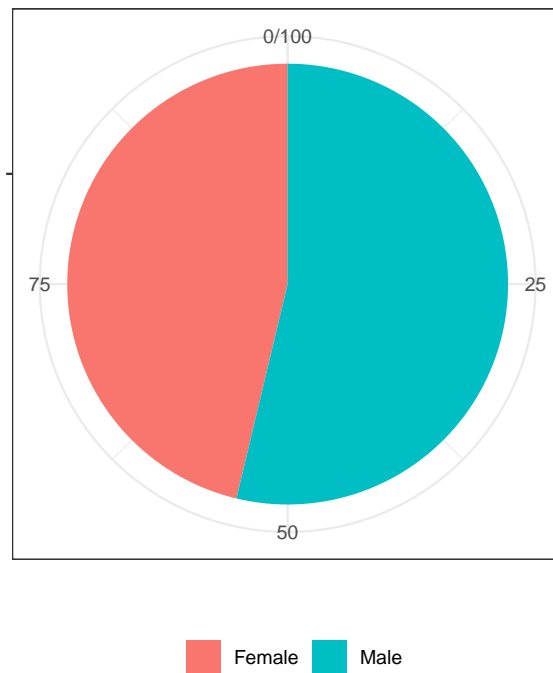


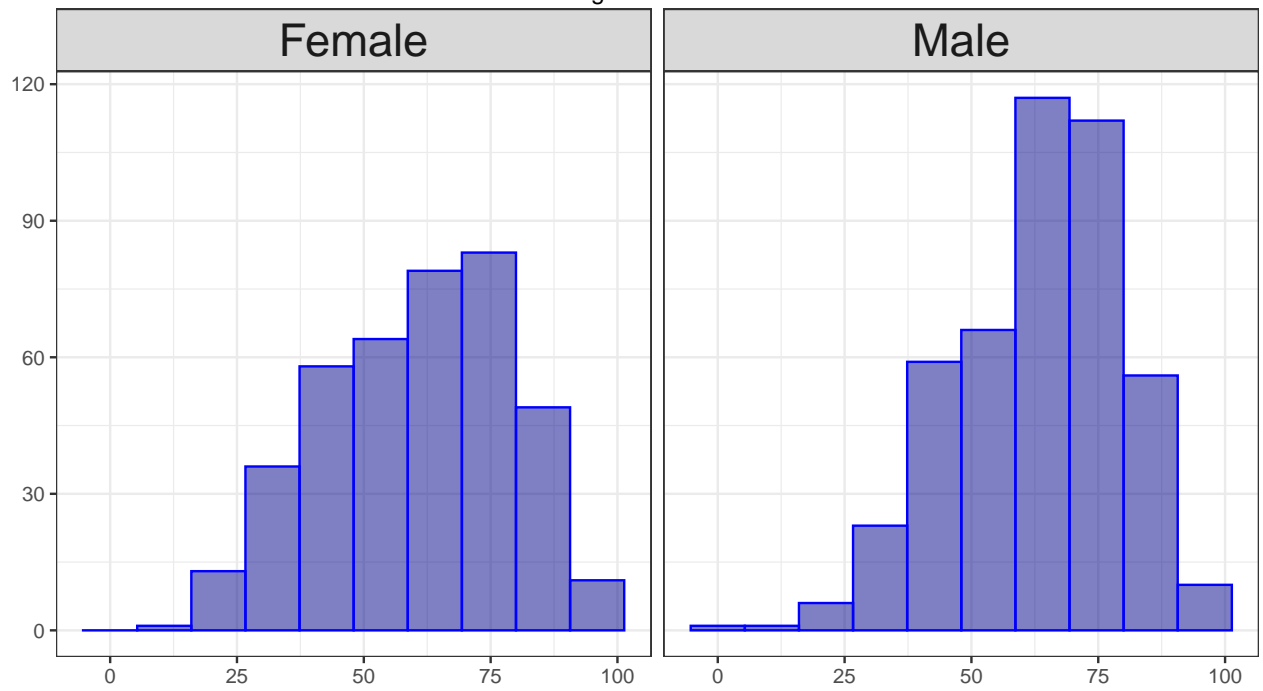
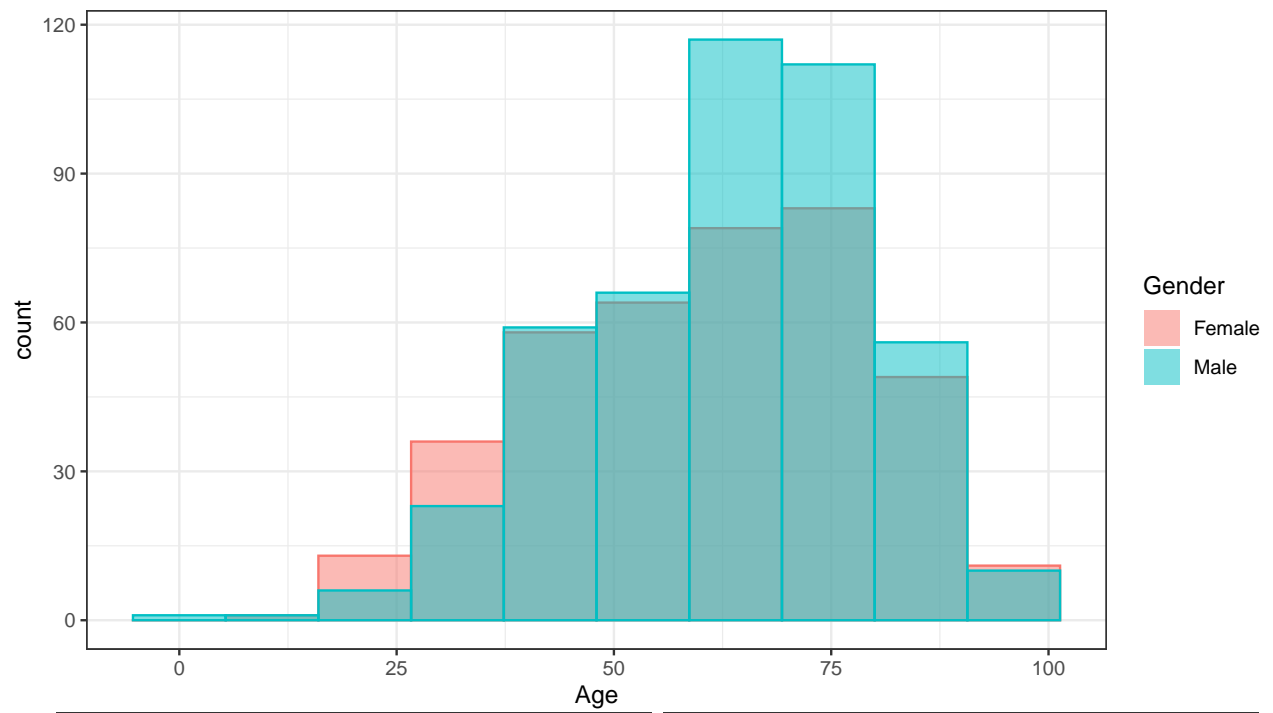
Table 1: Age descriptives

Mean	SD	min	P25	Median	P75	Max	N
61.92899	17.40716	1	50	63	75	97	1354

Table 2: Age descriptives

Patients_Sex	Mean	SD	min	P25	Median	P75	Max	N
Female	61.92899	17.40716	1	50	63	75	97	626
Male	61.92899	17.40716	1	50	63	75	97	727

### 1.1.2 Age



Edad	N	N acum.	%	% acum.
0-25	21	21	1.55	1.55
26-35	64	85	4.73	6.29
36-45	139	224	10.28	16.57
46-55	202	426	14.94	31.51
56-65	290	716	21.45	52.96
66-75	286	1002	21.15	74.11
>75	350	1352	25.89	100.00

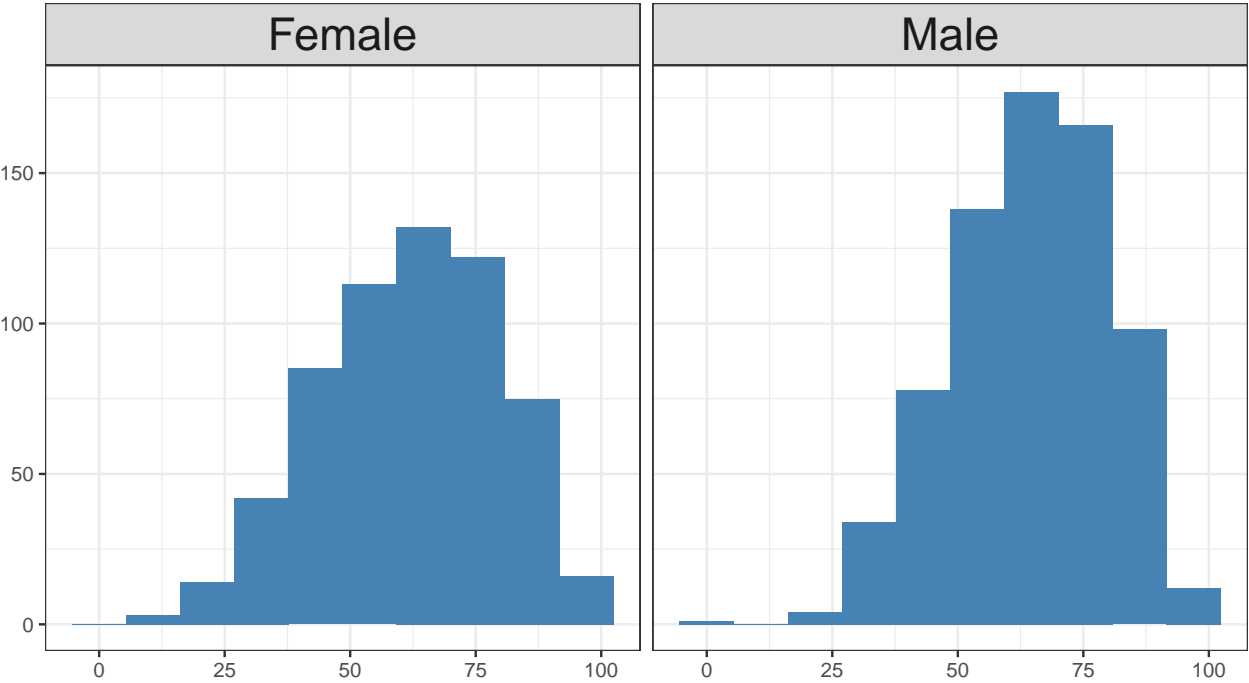
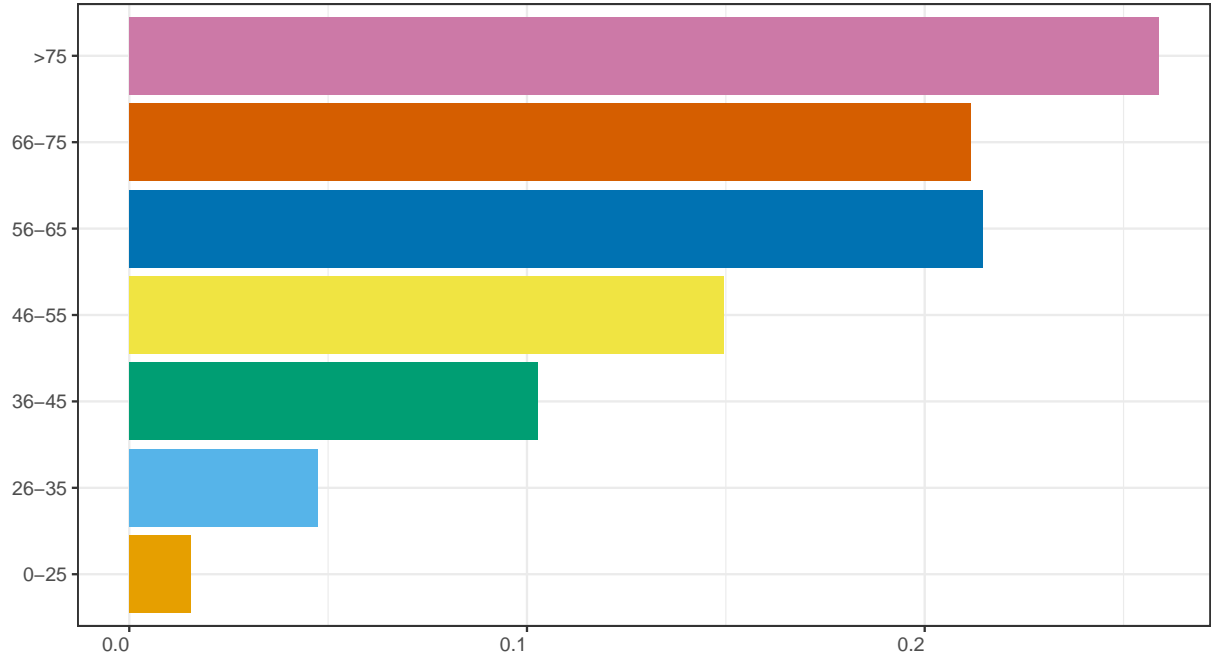


Table 3: Age-Gender (row pct.)

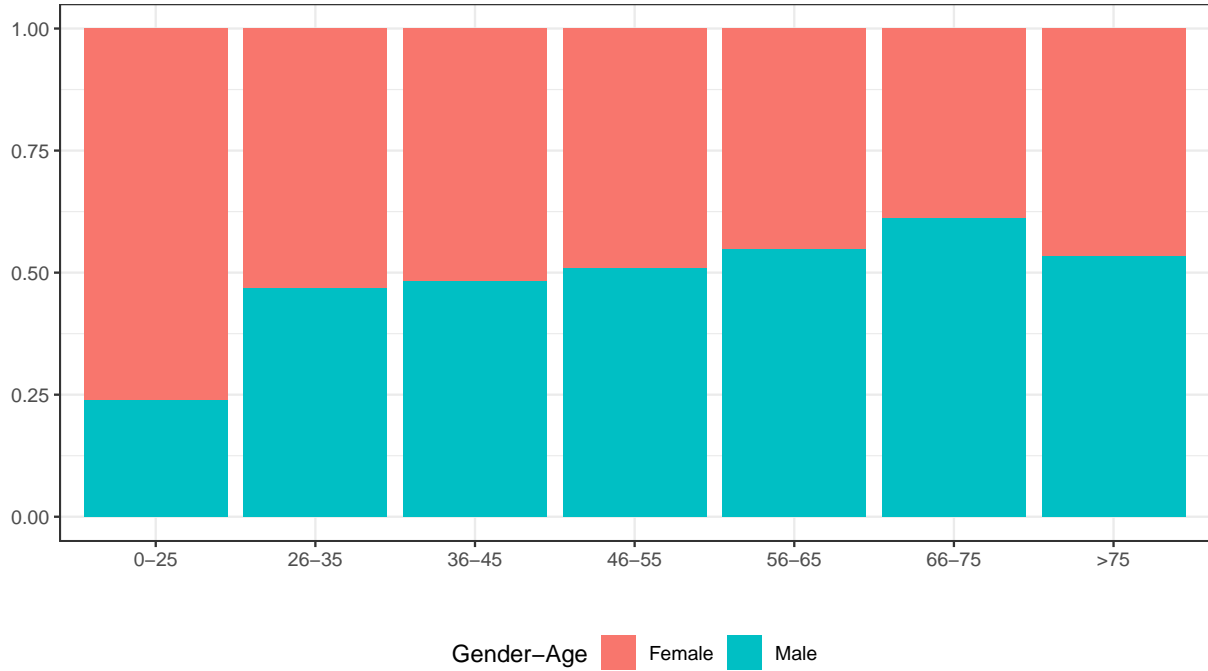
	Female	Male
0-25	16 (76.2%)	5 (23.8%)
26-35	34 (53.1%)	30 (46.9%)
36-45	72 (51.8%)	67 (48.2%)
46-55	99 (49%)	103 (51%)
56-65	131 (45.2%)	159 (54.8%)
66-75	111 (38.8%)	175 (61.2%)
>75	163 (46.6%)	187 (53.4%)

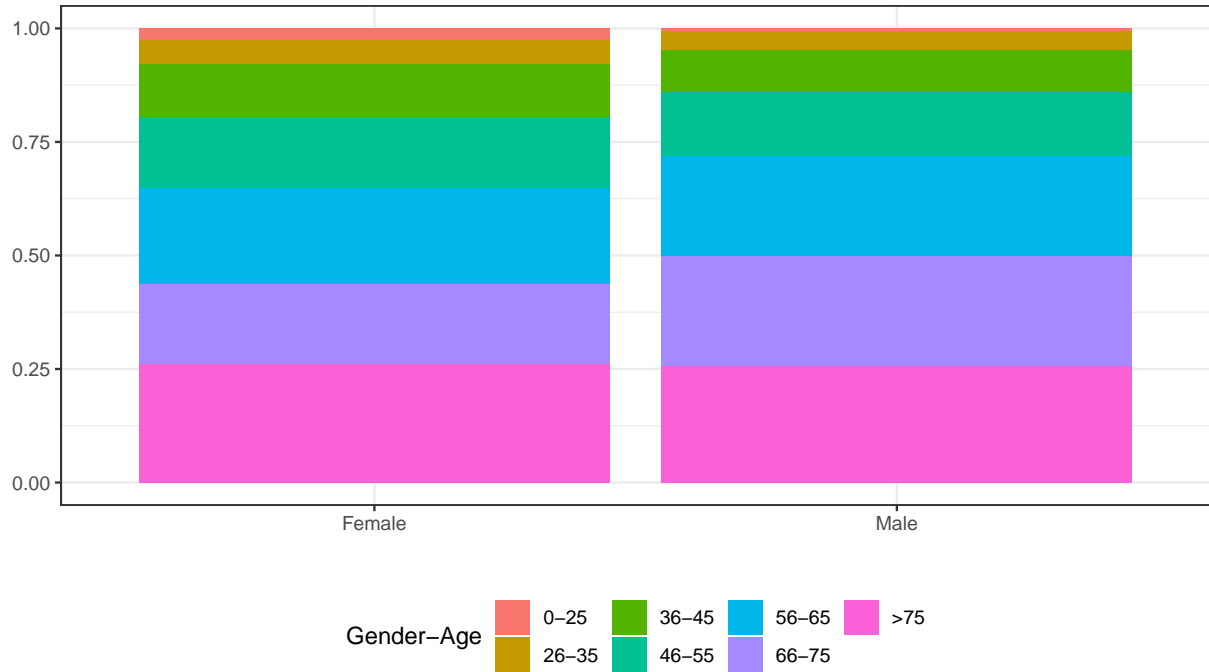
Table 4: Age-Gender (col pct.)

	Female	Male
0-25	16 (2.6%)	5 (0.7%)
26-35	34 (5.4%)	30 (4.1%)
36-45	72 (11.5%)	67 (9.2%)
46-55	99 (15.8%)	103 (14.2%)
56-65	131 (20.9%)	159 (21.9%)
66-75	111 (17.7%)	175 (24.1%)
>75	163 (26%)	187 (25.8%)

### 1.1.3 Age-Gender

There is a significant difference between Male and Female only in the 66-75 interval ( $4.9925358 \times 10^{-8}$ )

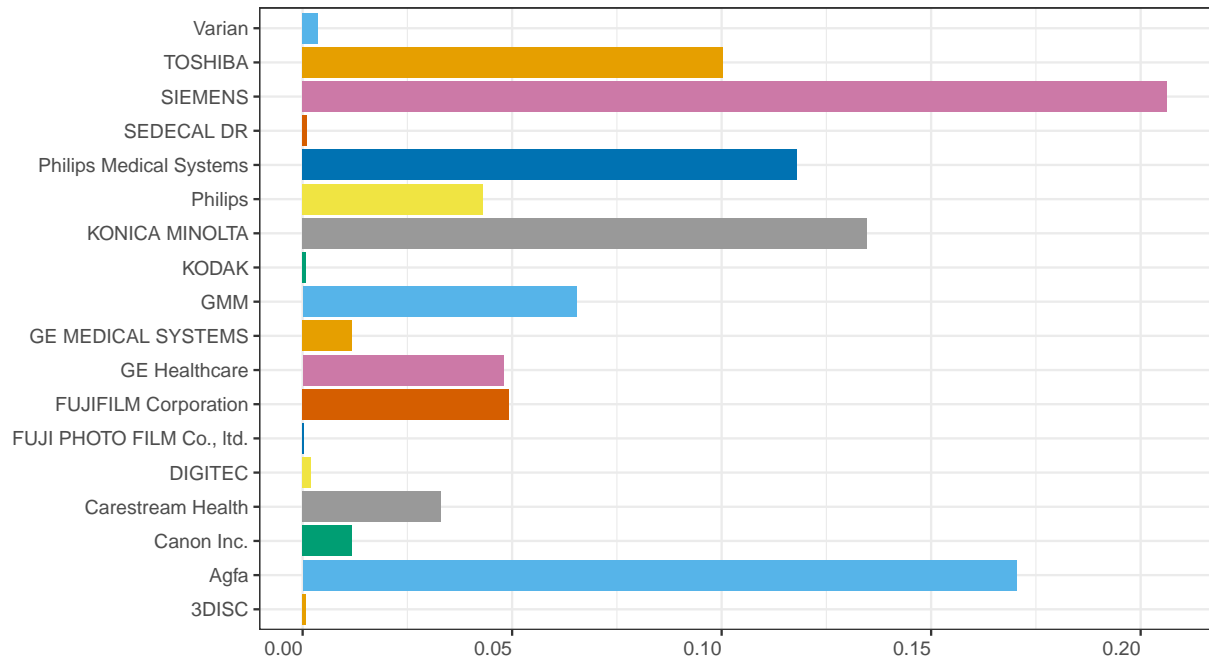




## 1.2 Manufacturers Model

### 1.2.1 Manufacturers

Manufacturers	N	N acum.	%	% acum.
<b>3DISC</b>	3	3	0.07	0.07
<b>Agfa</b>	696	699	17.03	17.11
<b>Canon Inc.</b>	48	747	1.17	18.28
<b>Carestream Health</b>	135	882	3.30	21.59
<b>DIGITEC</b>	8	890	0.20	21.78
<b>FUJIFILM</b>	202	1092	4.94	26.73
<b>General Electric</b>	244	1336	5.97	32.70
<b>GMM</b>	267	1603	6.53	39.23
<b>KODAK</b>	3	1606	0.07	39.30
<b>KONICA MINOLTA</b>	550	2156	13.46	52.77
<b>Philips</b>	658	2814	16.10	68.87
<b>SEDECAL DR</b>	4	2818	0.10	68.97
<b>SIEMENS</b>	843	3661	20.63	89.60
<b>TOSHIBA</b>	410	4071	10.03	99.63
<b>Varian</b>	15	4086	0.37	100.00



### 1.2.2 Manufacturers Model Name

Edad	N	N acum.	%	% acum.
110	24	24	0.62	0.62
3543EZE	115	139	2.96	3.58
5000MA	1	140	0.03	3.60
5601	18	158	0.46	4.07
862	389	547	10.01	14.08
ACCORD DR	267	814	6.87	20.95
Aquilion	337	1151	8.67	29.63
Aquilion ONE	59	1210	1.52	31.15
Aquilion PRIME	14	1224	0.36	31.51
Brilliance 16	116	1340	2.99	34.49
Brilliance 64	17	1357	0.44	34.93
Copyright(C) SEDECAL Corp	4	1361	0.10	35.03
CR 30	4	1365	0.10	35.14
CR 75	2	1367	0.05	35.19
CR 85	4	1371	0.10	35.29
CR30-X	78	1449	2.01	37.30
CR850A	3	1452	0.08	37.37
CS-7	119	1571	3.06	40.44
CXDI Control Software NE	48	1619	1.24	41.67
DigitalDiagnost	353	1972	9.09	50.76
DR 14e C - 1200ms	176	2148	4.53	55.29
DRX-1	118	2266	3.04	58.33
DX-M	175	2441	4.50	62.83
DXD40_1000C	18	2459	0.46	63.29
DXD40_1000G	2	2461	0.05	63.35
Emotion 16	23	2484	0.59	63.94
Emotion 16 (2007)	22	2506	0.57	64.50
Essenta DR	46	2552	1.18	65.69
Fluorospot Compact FD	2	2554	0.05	65.74
Image Suite Vita CR System	17	2571	0.44	66.18
Optima CT520 Series	16	2587	0.41	66.59
PCR Eleva	126	2713	3.24	69.83
Pixium_4343E_CSI	122	2835	3.14	72.97
QuantorMed	3	2838	0.08	73.05
Revolution EVO	32	2870	0.82	73.87
RX_ELX04	8	2878	0.21	74.08
SIEMENS FD-X	507	3385	13.05	87.13
SOMATOM go.Up	274	3659	7.05	94.18
SOMATOM Scope	15	3674	0.39	94.57
Thunder Platform	196	3870	5.05	99.61
Varian_4343R	15	3885	0.39	100.00

## 1.3 Exposition

### 1.3.1 Descriptive Statistics

#### 1.3.1.1 temp N: 4087

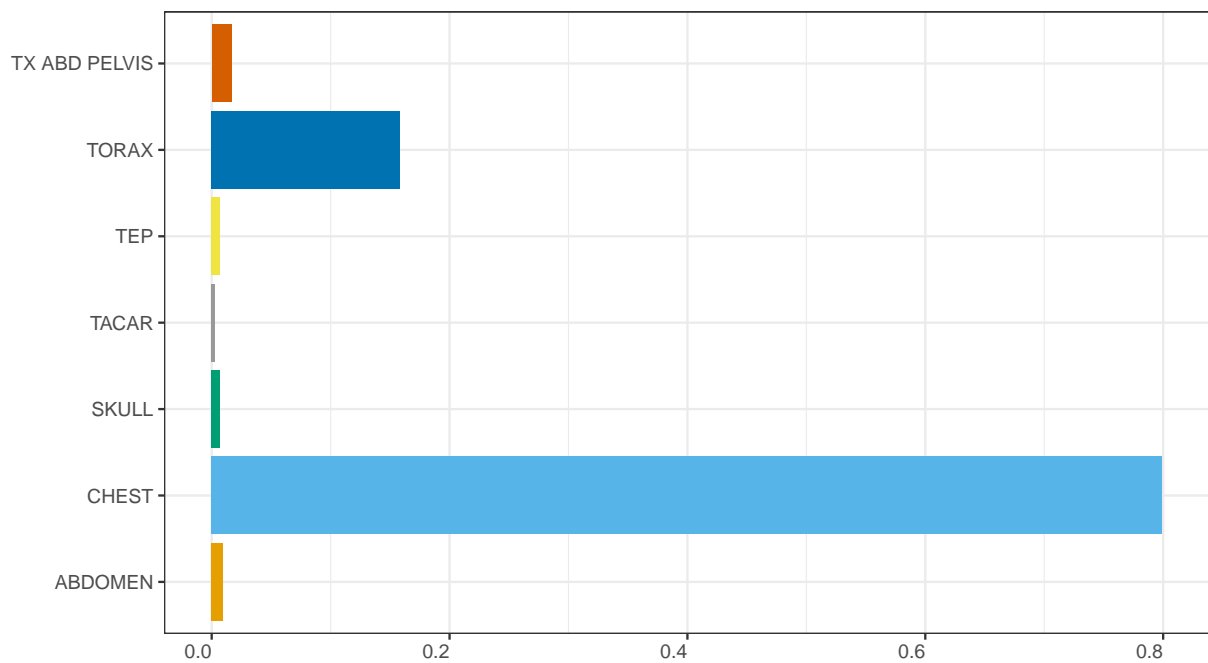


	Exposure muAs	Exposure Time	Img. and Fluor. Area Dose Product
<b>Mean</b>	3886.19	444.25	2.66
<b>Std.Dev</b>	4536.59	1336.67	5.52
<b>Min</b>	400.00	0.00	0.00
<b>Q1</b>	1600.00	8.00	0.79
<b>Median</b>	2500.00	20.00	1.64
<b>Q3</b>	4000.00	500.00	2.90
<b>Max</b>	80000.00	14678.00	121.20
<b>MAD</b>	1378.82	22.24	1.37
<b>IQR</b>	2400.00	492.00	2.11
<b>CV</b>	1.17	3.01	2.08
<b>Skewness</b>	5.06	5.54	14.19
<b>SE.Skewness</b>	0.06	0.05	0.06
<b>Kurtosis</b>	49.92	38.14	276.42
<b>N.Valid</b>	1976.00	2862.00	1592.00
<b>Pct.Valid</b>	48.35	70.03	38.95

## 1.4 Cases

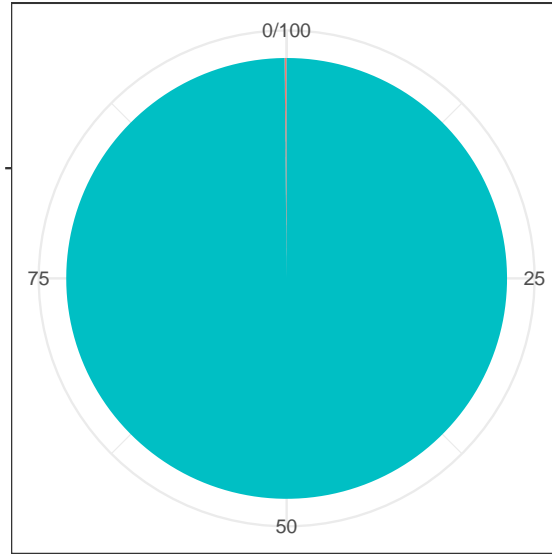
### 1.4.1 Body Part Examined

Body Part	N	N acum.	%	% acum.
<b>ABDOMEN</b>	30	30	0.93	0.93
<b>CHEST</b>	2566	2596	79.89	80.82
<b>SKULL</b>	23	2619	0.72	81.54
<b>TACAR</b>	9	2628	0.28	81.82
<b>TEP</b>	22	2650	0.68	82.50
<b>TORAX</b>	509	3159	15.85	98.35
<b>TX ABD PELVIS</b>	53	3212	1.65	100.00



#### 1.4.2 Test

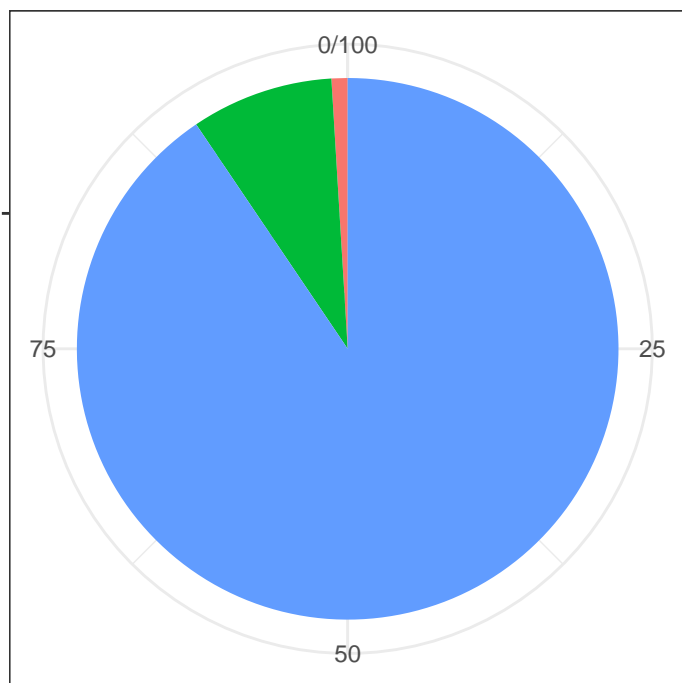
Edad	N	N acum.	%	% acum.
IGM	2	2	0.15	0.15
PCR	1352	1354	99.85	100.00



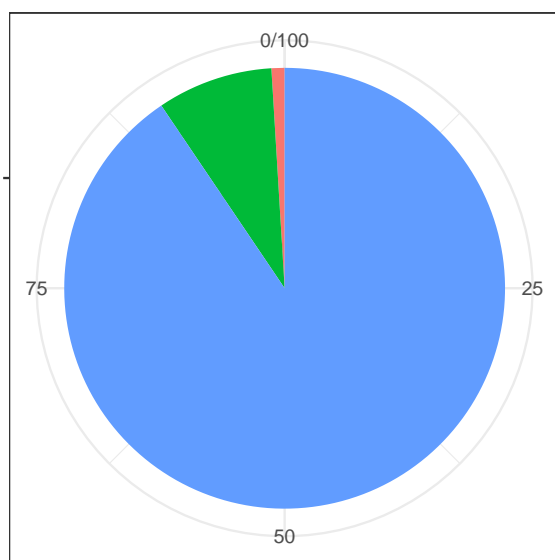
IGM PCR

#### 1.4.3 Positive/Negative

Edad	N	N acum.	%	% acum.
Undetermined	13	13	0.96	0.96
Negative	115	128	8.49	9.45
Positive	1226	1354	90.55	100.00



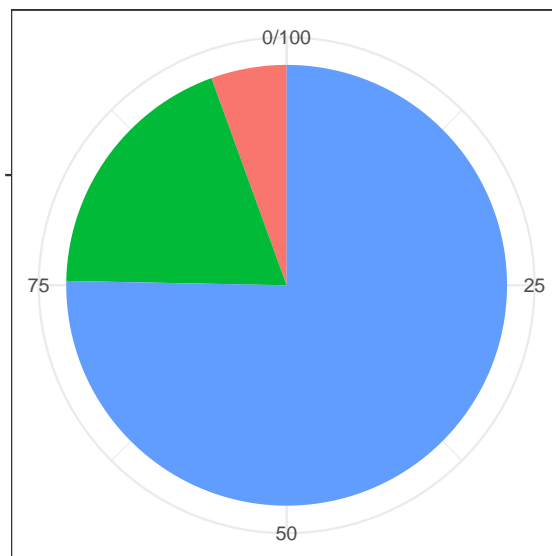
Undetermined Negative Positive



Undetermined Negative Positive

#### 1.4.4 Posittion Manual

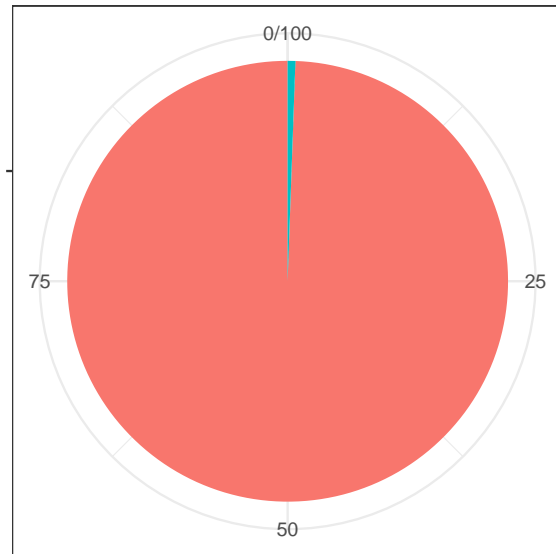
Posittion Manual	N	N acum.	%	% acum.
CT-N/A	75	75	5.54	5.54
L	259	334	19.14	24.69
PA	1019	1353	75.31	100.00



CT-N/A L PA

#### 1.4.5 Excluding samples

Exclude	N	N acum.	%	% acum.
False	4064	4064	99.44	99.44
True	23	4087	0.56	100.00



False True